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SHELLS OF DURAN, NEW MEXICO.

BY H. A. PILSBRY.

When enroute for El Paso, over the Rock Island road, in August, 1910, Mr. L. E. Daniels, and the writer stopped four hours at the station of Duran, Torrance Co., N. M. This place lies about 75 or 80 miles southeast from Albuquerque, at an elevation of 6272 ft., and was selected because it is near the highest point crossed by the C. R. I. & P. road. We had thought it rather a pity to ride through the State without trying out the collecting. After trying Duran we felt reconciled to go on.

The most promising place seemed to be a large, steep, flat-topped butte about a mile south of the station. It proved to be composed of level-bedded white sandstone, the lower slopes stony. We found shells most abundant under large flat stones near the top of the north side. The sides and top are thickly covered with scrubby junipers, some pinyons and a little knee-high scrub-oak. We noted several cacti — *Cereus*, *Echinocactus*, *Opuntia* and *Cylindropuntia*, and a couple of small ferns; also a small species of *Yucca* and a filamentous *Agave*. From the top one sees low ranges and isolated barren buttes.

From about Santa Rosa to Corona the railroad runs through similar sandstone country, modeled by erosion. At Corona, the highest point, the road crosses one of the ranges of sand-

stone hills. Probably the snails we found are a fair sample of the fauna of all this country.

Zonitoides minuscula alachuana (Dall). One specimen.

Vallonia cyclophorella Ancey. Very abundant.

Vallonia gracilicosta Reinh. Much less common.

Pupilla muscorum xerobia Pils. Moderately abundant.

Bifidaria pellucida hordeacella (Pils.). Very abundant.

Bifidaria pilsbryi Sterki. Two specimens.

PUPILLA MUSCORUM XEROBIA n. subsp. Pl. II, figs. 1, 2.

Shell small, very short, composed of $5\frac{1}{3}$ whorls, the last three forming the cylindric portion, those above forming a very short, obtuse cone; last whorl ascending a little, having a stout buff crest behind the thin, well-expanded lip. There is a small, short, parietal lamella but no other teeth. Length 2.5, diam. 1.5 mm.

Types no. 104005 A. N. S. P. from Duran, N. M. Others of the same lot in collections of L. E. Daniels and J. H. Ferriss.

Mr. Vanatta looked over the collection of the Academy and reports that he found the same small race from the following localities, all in Colorado. Trinidad, Pilsbry and Ferriss, 1906. Magnolia, Boulder Co., 8000 ft., D. McAndrews. Estes Park, E. H. Ashmun. Black Lake Creek, T. D. A. Cockerell. Near Golden, 7000 ft., E. E. Hand.

The length varies from 2.25 to 2.75 mm. in the lot taken at Duran.

A NEW FOSSIL VITRINELLA, FROM BOSTON, MASSACHUSETTS.

BY WILLIAM F. CLAPP.

Through the kindness of Dr. H. W. Shimer of the Massachusetts Institute of Technology I have been able to examine some of the material he has received from the excavation for the Boylston street subway, Boston, Mass. The results of Dr. Shimer's investigations concerning the marine